L Number	Hits		DB	Time stamp
1	0	ferroelectric and 6297792.pn.	USPAT;	2003/06/09 11:00
]			US-PGPUB;	
_			EPO; JPO	
2	22709	ferroelectric	USPAT;	2003/06/09 11:02
i i			US-PGPUB;	
	500		EPO; JPO	0000/04/04
3	589	anti-ferroelectric	USPAT;	2003/06/09 11:03
			US-PGPUB;	
4	22709	 ferroelectric or anti-ferroelectric	EPO; JPO	2002/06/00 11-02
4	22109	leftoelectric of anti-leftoelectric	USPAT; US-PGPUB;	2003/06/09 11:03
			EPO; JPO	
5	42830	charging same discharging	USPAT;	2003/06/09 11:03
	12030	Charging Same discharging	US-PGPUB;	2003/00/03 11.03
			EPO; JPO	
6	48	(ferroelectric or anti-ferroelectric) same	USPAT;	2003/06/09 11:03
		(charging same discharging)	US-PGPUB;	2000, 00, 03 11.03
		, (,,,,,,,,,	EPO; JPO	
7	8440	345/87-103.ccls.	USPAT;	2003/06/09 11:03
			US-PGPUB;	
			EPO; JPO	
8	4	((ferroelectric or anti-ferroelectric)	USPAT;	2003/06/09 11:06
		same (charging same discharging)) and	US-PGPUB;	
		345/87-103.ccls.	EPO; JPO	·
9	177327	response near7 (speed or time)	USPAT;	2003/06/09 11:07
		· ·	US-PGPUB;	
			EPO; JPO	
10	51899	(twisted near4 nematic) or TN OR STN	USPAT;	2003/06/09 11:08
			US-PGPUB;	
			EPO; JPO	
11	1303	(response near7 (speed or time)) same	USPAT;	2003/06/09 11:09
		((twisted near4 nematic) or TN OR STN)	US-PGPUB;	
			EPO; JPO	
13	13014	"10" near5 ms	USPAT;	2003/06/09 11:10
			US-PGPUB;	
1,,	10	(///	EPO; JPO	2002/06/00 11 10
14	10	(((response near7 (speed or time)) same ((twisted near4 nematic) or TN OR STN))	USPAT;	2003/06/09 11:10
		and 345/87-103.ccls.) and ("10" near5 ms)	US-PGPUB; EPO; JPO	
12	244	l ' ' '	USPAT;	2003/06/09 11:18
12	244	((twisted near4 nematic) or TN OR STN))	US-PGPUB;	2003/00/09 11.18
		and 345/87-103.ccls.	EPO; JPO	
43	1409	345/419.ccls.	USPAT;	2003/06/09 13:05
		4 10, 113 1 00 1 0 1	US-PGPUB;	2000, 00, 03 20.00
]			EPO; JPO	
45	474	plurality near5 gate near5 driver\$1	USPAT;	2003/06/09 13:17
	_		US-PGPUB;	
			EPO; JPO	
46	450	345/103.ccls.	USPAT;	2003/06/09 13:17
			US-PGPUB;	
	:		EPO; JPO	
47	7	(plurality near5 gate near5 driver\$1) and	USPAT;	2003/06/09 13:21
		345/103.ccls.	US-PGPUB;	
1	•		EPO; JPO	
48	35	4778260.uref.	USPAT;	2003/06/09 13:46
			US-PGPUB;	
			EPO; JPO	l
49	13077	plurality near6 driver\$1	USPAT;	2003/06/09 13:47
			US-PGPUB;	
			EPO; JPO	
50	1075964	series	USPAT;	2003/06/09 13:47
			US-PGPUB;	
-1		(-2 2)	EPO; JPO	0000465455
51	639	(plurality near6 driver\$1) same series	USPAT;	2003/06/09 13:48
			US-PGPUB;	
50	4.0	245/07 102 223 223 23 23	EPO; JPO	2002/06/00 12 /2
52	40	345/87-103.ccls. and ((plurality near6	USPAT;	2003/06/09 13:48
		driver\$1) same series)	US-PGPUB;	
L			EPO; JPO	

-	116935	reset\$4 near5 (pulse\$1 or signal\$1 or volt\$3)	USPAT; US-PGPUB;	2003/06/04 12:46
_	197272	impurities	EPO; JPO USPAT; US-PGPUB;	2003/06/04 12:46
-	56	Ferroelectric and (reset\$4 near5 (pulse\$1 or signal\$1 or volt\$3)) and impurities	EPO; JPO USPAT; US-PGPUB;	2003/06/04 12:47
-	8431	345/87-103.ccls.	EPO; JPO USPAT; US-PGPUB;	2003/06/04 12:47
_	56	(Ferroelectric and (reset\$4 near5 (pulse\$1 or signal\$1 or volt\$3)) and impurities)	EPO; JPO USPAT; US-PGPUB;	2003/06/04 12:47
-	16	<pre>and "6" (Ferroelectric and (reset\$4 near5 (pulse\$1 or signal\$1 or volt\$3)) and impurities)</pre>	EPO; JPO USPAT; US-PGPUB;	2003/06/04 13:17
_	12	and 345/87-103.ccls. 5151803.uref.	EPO; JPO USPAT; US-PGPUB;	2003/06/04 13:17
_	23198	ferroelectric or anti\$ferroelectric	EPO; JPO USPAT; US-PGPUB; EPO; JPO	2003/06/05 12:17
_	121842	(charge or charging) near5 (pulse or signal\$1 or volt\$3)	USPAT; US-PGPUB; EPO; JPO	2003/06/05 12:18
_	83427	(discharge or discharging) near5 (pulse or signal\$1 or volt\$3)	USPAT; US-PGPUB; EPO; JPO	2003/06/05 12:19
	69017	"same" near5 frame\$1	USPAT; US-PGPUB; EPO; JPO	2003/06/05 12:34
-	0	(ferroelectric or anti\$ferroelectric) same ((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or	USPAT; US-PGPUB; EPO; JPO	2003/06/05 12:35
-	4	<pre>volt\$3)) same ("same" near5 frame\$1) ((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or</pre>	USPAT; US-PGPUB; EPO; JPO	2003/06/05 12:41
_	7	volt\$3)) same ("same" near5 frame\$1) ((charge or charging) near5 (pulse or signal\$1 or volt\$3)) and ((discharge or discharging) near5 (pulse or signal\$1 or	USPAT; US-PGPUB; EPO; JPO	2003/06/05 12:41
_	4	volt\$3)) and ("same" near5 frame\$1) and (ferroelectric or anti\$ferroelectric) (((charge or charging) near5 (pulse or	USPAT;	2003/06/05 12:41
		signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3)) same ("same" near5 frame\$1)) not (((charge or charging) near5 (pulse or	US-PGPUB; EPO; JPO	
		signal\$1 or volt\$3)) and ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3)) and ("same" near5 frame\$1) and (ferroelectric or anti\$ferroelectric))		
-	7	(((charge or charging) near5 (pulse or signal\$1 or volt\$3)) and ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3)) and ("same" near5 frame\$1) and (ferroelectric or anti\$ferroelectric)) not	USPAT; US-PGPUB; EPO; JPO	2003/06/05 12:53
		<pre>(((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3)) same ("same" near5 frame\$1))</pre>		
-	140	345/177.ccls.	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:10
-	155386	transducer\$1	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:11

_	82	transducer\$1 and 345/177.ccls.	USPAT; US-PGPUB;	2003/06/05 13:17
-	8	("4777329" "4814552" "4939701" "5144594" "5308936" "5717168" "5729251" "6151014").PN.	EPO; JPO USPAT	2003/06/05 13:13
_	49	4777329.URPN.	USPAT	2003/06/05 13:15
_	173	(((charge or charging) near5 (pulse or	USPAT;	2003/06/05 13:17
	1.3	signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3))) and 345/87-103.ccls.	US-PGPUB; EPO; JPO	
_	14	<pre>(ferroelectric or anti\$ferroelectric) and ((((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3))) and 345/87-103.ccls.)</pre>	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:22
-	129015	"same" near7 (frame or period)	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:24
_	125	((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3)) same ("same" near7 (frame or period))	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:24
-	4	((((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3)) and 345/87-103.ccls.) and (((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3)) same ("same" near7 (frame or period)))	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:30
-	42830	charging same discharging	USPAT; US-PGPUB;	2003/06/05 13:31
_	175	("same" near7 (frame or period)) same (charging same discharging)	EPO; JPO USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:31
_	5	(("same" near7 (frame or period)) same (charging same discharging)) and (((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3))) and 345/87-103.ccls.)	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:32
-	402	(charging same discharging) and ("same" near5 frame\$1)	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:32
-	10	((charging same discharging) and ("same" near5 frame\$1)) and (((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3))) and 345/87-103.ccls.)	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:38
-	300786	one near4 (frame or period)	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:44
-	359	(one near4 (frame or period)) same (charging same discharging)	USPAT; US-PGPUB; EPO; JPO	2003/06/05 13:44
-	14	((one near4 (frame or period)) same (charging same discharging)) and ((((charge or charging) near5 (pulse or signal\$1 or volt\$3)) same ((discharge or discharging) near5 (pulse or signal\$1 or volt\$3))) and 345/87-103.ccls.)	USPAT; US-PGPUB; EPO; JPO	2003/06/09 11:00
-	133	("5151691" "5379050" "5561441" "5757349" "5892504").PN.	USPAT	2003/06/05 14:10
_	132	awad-\$.xa.	USPAT; US-PGPUB; EPO; JPO	2003/06/06 16:24

-	10	("5450130" "5568165" "5764201"	USPAT	2003/06/05 17:43
		"5874928" "5909225" "5991883"		1
		"6028586" "6054980" "6108015"		
		"6123733").PN.		
-	922957	6297792.pn. ant thin	USPAT;	2003/06/06 16:24
			US-PGPUB;	i l
			EPO; JPO	
-	1	6297792.pn. and thin	USPAT;	2003/06/06 16:24
			US-PGPUB;	
			EPO; JPO	